

PROGRAM | BASIC FLOW CYTOMETRY COURSE

Wednesday, February 9th

When	What	Who
09:00-10:00	Registration in X meeting point Foyer + Coffee and snack bar	H.C. Aass and H. Notø
10:00-10:15	Welcome	Hans Christian Aass
10:15-11:00	Introduction to the physics of fluorescence	Mikkel S. Petersen
11:15-12:00	Introduction to fluorochromes and spectra	Mikkel S. Petersen
12:15-13:00	Spectral overlap and compensation	Mikkel S. Petersen
13:00	Lunch	
14:00-14:45	Controls and panel design	Charlotte C. Petersen
15:00-15:45	Tricks of the trade (practical instrument setup, optimization, and common pitfalls)	Charlotte C. Petersen
15:45-16:15	Coffee and snack bar (closes 16:00)	
16:15-17:00	Applications in flow cytometry	Mikkel S. Petersen and Charlotte C. Petersen
17:00-17:15	Cytek Biosciences sponsored: Grab a glass of “Bubbles” for enjoying during the next session!	
17:15-18:00	Basics of Cell Sorting	Morten Löbner (BD)
18:00-19:00	Hotel Moxy: Check-in	
19:00	Dinner at Restaurant GÅRD Taste Scandinavian	

PROGRAM | MEETING DAY 1, Thursday, February 10th

When	What	Who
07:00-09:00	For course participants ONLY: Breakfast	
09:00-10:00	Registration for meeting participants X meeting point Foyer Coffee and snack bar	L. Ryan and B. Bergum
Session 1		
Chair: Marianne Enger (NFCF)		
10:00-10:10	Welcome by Scandinavian Societies for Flow Cytometry leaders	M. Enger, O. Cédile
10:10-10:30	Single cell gating by cell cycle analysis in mass cytometry	MSc. Heidi Ø. Notø, Oslo University Hospital, Norway
10:30-11:00	Spectral Flow Cytometry – worth considering?	Dr. Mikkel S. Petersen, University of Aarhus, Denmark
11:00-11:30	Erythropoiesis by flow cytometry: normal bone marrow vs erythropoietic dysplasia	Dr. Anna Porwit, University of Lund, Sweden
11:30-12:30	Lunch	
Session 2		
Chair: Idun Dale Rein (NFCF)		
12:30-12:55	Using imaging mass cytometry to study the immune profile in patients with paraneoplastic cerebellar degeneration	Dr. Ida Herdlevær, University of Bergen, Norway
12:55-13:25	Cellular therapy for lymphoblastic malignancies of B- and T-cell origin	Dr. Muhammad Ali, Oslo University Hospital, Norway
13:25-14:10	A cellular, molecular and spatial analysis of postmortem lung tissue from COVID19 patients by image cytometry techniques reveals a complex interplay between the immune system, virus and disease progression	Dr. Andrew Filby, Newcastle University, UK
14:10-14:40	B cell diversity within and between individual human Germinal Centers	Dr. Adam Plumb, Lund University, Sweden
14:40-15:15	Immudex sponsored: Grab a wrap to-go! Coffee and snackbar +Take a look at the Company Exhibition!	
Session 3		
Chair: Hans Christian Aass (NFCF)		
15:15-16:40	Commercial Speed Presentations	Company representatives
16:40-17:30	Next Generation Clinical Cytometry: Precision cytomics enables advances in diagnostics and therapeutic modalities	Dr. Jonni S. Moore, President of ISAC and University of Pennsylvania, USA
17:30-18:00	Hotel Moxy: Check-in	
18:00	Company Exhibition + Poster session + “bubbles”	
20:00	Conference Dinner on the “Catwalk”	

PROGRAM | MEETING DAY 2, Friday, February 11th

When	What	Who
07:00-09:00	Breakfast and Hotel Check-out	
Session 4		
Chair: Oriane Cédile (DSFCM)		
09:00-09:30	Identification of disease-driving T cells in celiac disease using combined mass cytometry and HLAclass II tetramer staining	Dr. Asbjørn Christophersen, University of Oslo, Norway
09:30-10:10	From 1 to 20.000 parameters. From flow cytometry to single cell multiomics	Mark Dessing, Manager of European center for Single Cell Solutions, BD, Switzerland
10:10-11:00	Coffee and snack bar (closes 10:30) +Take a look at the Company Exhibition	
Session 5		
Chair: Charlotte C. Petersen (DSFCM)		
11:00-11:25	A novel, rapid and sensitive flow cytometry method reveals degradation of promoter proximal paused RNAPII in the presence and absence of DNA damage	Dr. Helga B. Landsverk, Oslo University Hospital, Norway
11:25-11:55	Antigen presentation by B cells enables epitope spreading across an MHC barrier	Dr. Søren Egedal Degn, University of Aarhus, Denmark
11:55-12:20	Clinical perspectives of FCM analysis of body fluids and tumor aspirates	Dr. Marius Lund-Iversen, Oslo University Hospital, Norway
12:20-12:25	Closing Remarks	Idun D. Rein, Norwegian Society for Flow Cytometry
12:25-13:00	Only for NCF members: General Assembly (Årsmøte) for the Norwegian Society for Flow Cytometry	Marianne Enger, Leader, Norwegian Society for Flow Cytometry
13:00	Lunch	